

Certificate of Analysis



Product name/Description: Anti-Rat Bone Specific Alkaline Phosphatase, Polyclonal

Cat. #: M190

Lot #: Specified on product label

Storage Condition: 4 degrees C

Expiration Date: 2 years from date of receipt under proper storage condition

Package Size: 0.1 mg

Package Contents: 1. Anti-Rat Bone Specific Alkaline Phosphatase, Polyclonal 0.1 mg

Product Documents: Documents for Takara Bio products are available for download at www.takara-bio.com

Source: Antibody:
Rabbit polyclonal antibody raised against the conjugate of KLH and peptide (20-49) [PEKEKDPKYWRDQAQETLKYALELQKLNTN], which shows high homology with human and rat Bone Specific Alkaline Phosphatase.

Bovine Serum Albumin (BSA):
The BSA was derived from bovine serum or plasma from US sourced cattle slaughtered at a USDA license establishment located in the US. The animal used was under 30 months of age that were not stunned using a penetrating device that injects air into the cranial cavity. All cattle received ante- and post mortem health inspections under a veterinarian's supervision at the abattoir and were apparently free from infections and contagious diseases and injurious parasites. At the time of manufacture of this lot of material, the US is classified as a country that is free from rinderpest, foot-and-mouth disease and contiguous bovine pleuropneumonia.

Quality Control Data: The lyophilized antibody was dissolved in 50 µl of dH₂O. The antibody dilutions were applied for ELISA assay by colorimetric detection using a microtiter plate immobilized with Rat bone Specific ALP peptide. The expected antibody titration was obtained.

Manufacturing Control:
Purification:
Rabbit serum IgG was purified by affinity column chromatography, dissolved in 10 mM PBS, pH 7.4, containing 1.0% bovine serum albumin, and then lyophilized.
The lyophilized antibody does not contain preservative.

BSA treatment:
The BSA product has been subjected to an initial heat shock of bovine serum or plasma at 65 degrees C for 3 hours at pH around 5.

It is certified that this product meets above specifications.

Manager, Quality Assurance
TAKARA BIO INC.

Safety Information :

Please refer to our website for safety information :

<http://www.takara-bio.com>

Notice To Purchaser :

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

Also, do not use this product as food, cosmetic, or household item, etc.

Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from TAKARA BIO INC.

If you require licenses for other use, please contact us by phone at +81 77 565 6973 or from our website.

<http://www.takara-bio.com>

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